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C & R-PREP.

GRASSES

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Symbol</u> |
|------------------------------|------------------------------|---------------|
| Alkaligrass | <i>Puccinellia</i> spp. | PUC |
| Barnyardgrass | <i>Echinochloa crusgalli</i> | Ecr |
| Barley | <i>Hordeum</i> spp. | HOR |
| Barley, foxtail | <i>Hordeum jubatum</i> | Hju |
| Barley, meadow | <i>Hordeum nodosum</i> | Hno |
| Bentgrass | <i>Agrostis</i> spp. | AGO |
| Bentgrass, creeping | <i>Agrostis palustris</i> | Apl |
| Bentgrass, Oregon | <i>Agrostis oregonensis</i> | Aor |
| Bentgrass, spike | <i>Agrostis exarata</i> | Aex |
| Bentgrass, thin | <i>Agrostis diegoensis</i> | Adi |
| Bentgrass, winter | <i>Agrostis hiemalis</i> | Ahi |
| Bermudagrass | <i>Cynodon dactylon</i> | Cda |
| Bluegrass | <i>Poa</i> spp. | POA |
| Bluegrass, alkali | <i>Poa juncifolia</i> | Pju |
| Bluegrass, big | <i>Poa ampla</i> | Pam |
| Bluegrass, Canada | <i>Poa compressa</i> | Pco |
| Bluegrass, Canby | <i>Poa canbyi</i> | Pca |
| Bluegrass, cusick | <i>Poa cusicki</i> | Pcu |
| Bluegrass, Kentucky | <i>Poa pratensis</i> | Ppr |
| Bluegrass, longtongue mutton | <i>Poa longiligula</i> | Plo |
| Bluegrass, mutton | <i>Poa fendleriana</i> | Pfe |
| Bluegrass, Nevada | <i>Poa nevadensis</i> | Pon |
| Bluegrass, nodding | <i>Poa reflexa</i> | Pre |
| Bluegrass, plains | <i>Poa arida</i> | Par |
| Bluegrass, Sandborg | <i>Poa secunda</i> | Psc |
| Bluegrass, skyline | <i>Poa epilis</i> | Pep |
| Bluegrass, Wheeler | <i>Poa nervosa</i> | Pnc |
| Bristlegrass | <i>Setaria</i> spp. | SET |
| Brome | <i>Bromus</i> spp. | BRO |
| Brome, California | <i>Bromus carinatus</i> | BCA |
| Brome, cheatgrass | <i>Bromus tectorum</i> | BTE |
| Brome, chess | <i>Bromus secalinus</i> | Bsc |
| Brome, foxtail | <i>Bromus rubens</i> | BRu |
| Brome, fringed | <i>Bromus ciliatus</i> | Bci |
| Brome, Japanese | <i>Bromus japonicus</i> | Bja |
| Brome, mountain | <i>Bromus marginatus</i> | Bma |
| Brome, nodding | <i>Bromus anomalus</i> | Ban |
| Brome, rattle | <i>Bromus briziformis</i> | Bbr |
| Brome, smooth | <i>Bromus incernis</i> | Bin |
| Brome, soft | <i>Bromus mollis</i> | Bmo |

GRASSES (continued)

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Sym- bol</u> |
|-----------------------|-------------------------------|---------------------|
| Brookgrass | <i>Catabrosa aquatica</i> | Caq |
| Buffalograss, false | <i>Munroa squarrosa</i> | Msr |
| Canarygrass, reed | <i>Phalaris arundinacea</i> | Pha |
| Cordgrass | <i>Spartina spp.</i> | SPA |
| Cordgrass, alkali | <i>Spartina gracilis</i> | Sgr |
| Danthonia | <i>Danthonia spp.</i> | DAN |
| Danthonia, California | <i>Danthonia californica</i> | Dca |
| Danthonia, onespike | <i>Danthonia unispicata</i> | Dun |
| Danthonia, timber | <i>Danthonia intermedia</i> | Din |
| Desertgrass, king | <i>Blepharidachne kingi</i> | Bki |
| Dropseed | <i>Sporobolus spp.</i> | SPO |
| Dropseed, sand | <i>Sporobolus cryptandrus</i> | Scr |
| Dropseed, spike | <i>Sporobolus contractus</i> | Sco |
| Fescue | <i>Festuca spp.</i> | FES |
| Fescue, desert | <i>Festuca arida</i> | Far |
| Fescue, green | <i>Festuca viridula</i> | Fvi |
| Fescue, Idaho | <i>Festuca idahoensis</i> | Fid |
| Fescue, meadow | <i>Festuca elatior</i> | Fel |
| Fescue, red | <i>Festuca rubra</i> | Fru |
| Fescue, sheep | <i>Festuca ovina</i> | Fov |
| Fescue, sixweeks | <i>Festuca octoflora</i> | Fot |
| Fescue, western | <i>Festuca occidentalis</i> | Foc |
| Fluffgrass | <i>Tridens pulchella</i> | Tpu |
| Foxtail, alpine | <i>Alopecurus alpinus</i> | Alp |
| Foxtail, meadow | <i>Alopecurus pratensis</i> | Apr |
| Foxtail, mountain | <i>Alopecurus agrestis</i> | Aag |
| Foxtail, shortawn | <i>Alopecurus acqualis</i> | Aae |
| Gallcta | <i>Hilaria jamesi</i> | Hja |
| Gallcta, big | <i>Hilaria rigida</i> | Hri |
| Grama | <i>Bouteloua spp.</i> | BOU |
| Grama, black | <i>Bouteloua eriopoda</i> | Ber |
| Grama, blue | <i>Bouteloua gracilis</i> | Bgr |
| Grama, hairy | <i>Bouteloua hirsuta</i> | Bhi |
| Grama, sidecoats | <i>Bouteloua curtipendula</i> | Bcu |
| Grama, sixweeks | <i>Bouteloua berbata</i> | Bba |

GRASSES (continued)

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Symbol</u> |
|----------------------------|-----------------------------------|---------------|
| Hairgrass | <i>Deschampsia</i> spp. | DES |
| Hairgrass, annual | <i>Deschampsia danthonioides</i> | Dda |
| Hairgrass, slender | <i>Deschampsia elongata</i> | Dcl |
| Hairgrass, tufted | <i>Deschampsia cespitosa</i> | Dec |
| Junegrass, prairie | <i>Koeleria cristata</i> | Kcr |
| Knotgrass, paspalum | <i>Paspalum distichum</i> | Pdi |
| Lovegrass | <i>Eragrostis</i> spp. | ERA |
| Mannagrass | <i>Glycneria</i> spp. | GLY |
| Mannagrass, fowl | <i>Glycneria striata</i> | Gst |
| Muhly | <i>Muhlenbergia</i> spp. | MUH |
| Muhly, bush | <i>Muhlenbergia porteri</i> | Mpo |
| Muhly, mat | <i>Muhlenbergia squarrosa</i> | Msq |
| Muhly, mountain | <i>Muhlenbergia montana</i> | Mmo |
| Muhly, pullup | <i>Muhlenbergia filiformis</i> | Mfi |
| Muhly, Thurber | <i>Muhlenbergia thurberi</i> | Mth |
| Needleandthread | <i>Stipa</i> comata | Stm |
| Needlegrass | <i>Stipa</i> spp. | STI |
| Needlegrass, crested | <i>Stipa coronata</i> | Str |
| Needlegrass, desert | <i>Stipa speciosa</i> | Ssp |
| Needlegrass, lemmon | <i>Stipa lemmoni</i> | Sle |
| Needlegrass, letterman | <i>Stipa lettermani</i> | Stl |
| Needlegrass, Mormon | <i>Stipa arida</i> | Sad |
| Needlegrass, pinewoods | <i>Stipa pectinatum</i> | Spi |
| Needlegrass, small crested | <i>Stipa coronata depauperata</i> | Std |
| Needlegrass, subalpine | <i>Stipa columbiana</i> | Stc |
| Needlegrass, Thurber | <i>Stipa thurberiana</i> | Stb |
| Needlegrass, Williams | <i>Stipa williamsii</i> | Swi |
| Oatgrass, tall | <i>Arrhenatherum elatius</i> | Aet |
| Oniongrass | <i>Melica</i> spp. | MEL |
| Oniongrass | <i>Melica bulbosa</i> | Mbu |
| Oniongrass, Alaska | <i>Melica subulata</i> | Msu |
| Oniongrass, showy | <i>Melica spectabilis</i> | Msp |
| Orchardgrass | <i>Dactylis glomerata</i> | Dgl |
| Pappusgrass, feather | <i>Pappophorum wrightii</i> | Pwr |
| Pinegrass | <i>Calamagrostis rubescens</i> | Cru |
| Polypogon | <i>Polypogon</i> spp. | POL |
| Polypogon, rabbitfoot | <i>Polypogon monspeliensis</i> | Pmo |
| Quackgrass | <i>Agropyron repens</i> | Arc |

GRASSES (continued)

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Symbol</u> |
|---------------------------|----------------------------------|---------------|
| Redtop | <i>Agrostis alba</i> | Aal |
| Reedgrass | <i>Calamagrostis</i> spp. | CAL |
| Reedgrass, bluejoint | <i>Calamagrostis canadensis</i> | Cca |
| Reedgrass, plains | <i>Calamagrostis montanensis</i> | Cmo |
| Ricegrass | <i>Oryzopsis</i> spp. | ORY |
| Ricegrass, Indian | <i>Oryzopsis hymenoides</i> | Ohy |
| Ricegrass, Webber | <i>Oryzopsis webberi</i> | Ore |
| Rye | <i>Secale cereale</i> | Sce |
| Ryegrass, perennial | <i>Lolium perenne</i> | Lpe |
| Sacaton, alkali | <i>Sporobolus airoides</i> | Sai |
| Saltgrass, inland | <i>Distichlis stricta</i> | Dst |
| Saltgrass, little | <i>Distichlis dentata</i> | Dde |
| Sloughgrass, American | <i>Beckmannia syzigachne</i> | Bsy |
| Spikofescue | <i>Hesperochloa kingi</i> | Hki |
| Sprangletop | <i>Leptochloa uninervia</i> | Lun |
| Squirreltail | <i>Sitanion</i> spp. | SIT |
| Squirreltail, big | <i>Sitanion jubatum</i> | Sju |
| Squirreltail, bottlebrush | <i>Sitanion hystrix</i> | Shy |
| Threecawn | <i>Aristida</i> spp. | ARI |
| Threecawn, blue | <i>Aristida glauca</i> | Agl |
| Threecawn, Fendler | <i>Aristida fendleriana</i> | Afe |
| Threecawn, red | <i>Aristida longiseta</i> | Alo |
| Timothy | <i>Phleum</i> spp. | PHL |
| Timothy | <i>Phleum pratense</i> | Php |
| Timothy, alpine | <i>Phleum alpinum</i> | Pal |
| Triodia | <i>Tridens</i> spp. | TRI |
| Triodia, hairy | <i>Tridens pilosa</i> | Tpi |
| Triodia, slender | <i>Tridens mutica</i> | Tmu |
| Trisetum, spike | <i>Trisetum spicatum</i> | Tsp |
| Trisetum, tall | <i>Trisetum canescens</i> | Tca |
| Trisetum, wolfs | <i>Trisetum wolfi</i> | Two |

GRASSES (continued)

| Common Name | Scientific Name | Sym- bol |
|---------------------------------|-------------------------------|-------------|
| Wheatgrass | <i>Agropyron</i> spp. | AGR |
| Wheatgrass, annual | <i>Agropyron triticeum</i> | Atc |
| Wheatgrass, bearded | <i>Agropyron subsecundum</i> | Asu |
| Wheatgrass, bearded bluebunch | <i>Agropyron spicatum</i> | Asp |
| Wheatgrass, beardless bluebunch | <i>Agropyron incerne</i> | Ain |
| Wheatgrass, bluestem | <i>Agropyron smithi</i> | Asm |
| Wheatgrass, crested | <i>Agropyron cristatum</i> | Acr |
| Wheatgrass, intermediate | <i>Agropyron intermedium</i> | Ait |
| Wheatgrass, pubescent | <i>Agropyron trichophorum</i> | Ati |
| Wheatgrass, Siberian | <i>Agropyron sibiricum</i> | Asi |
| Wheatgrass, slender | <i>Agropyron trachycaulum</i> | Atr |
| Wheatgrass, slender | <i>Agropyron pauciflorum</i> | Apa |
| Wheatgrass, tall | <i>Agropyron elongatum</i> | Ael |
| Wheatgrass, thickspike | <i>Agropyron dasystachyum</i> | Ada |
| Wildrye | <i>Elymus</i> spp. | ELY |
| Wildrye, blue | <i>Elymus glaucus</i> | Egl |
| Wildrye, Canada | <i>Elymus canadensis</i> | Eca |
| Wildrye, creeping | <i>Elymus triticoides</i> | Etr |
| Wildrye, giant | <i>Elymus condensatus</i> | Eco |
| Wildrye, Great Basin | <i>Elymus cinereus</i> | Eci |
| Wildrye, Salina | <i>Elymus salina</i> | Esa |
| Wildrye, sand dune | <i>Elymus flavescens</i> | Efl |
| Witchgrass, panicum | <i>Panicum</i> spp. | Pan |

GRASSLIKE PLANTS

| | | |
|--------------------|---------------------------|-----|
| Beargrass, common | <i>Xerophyllum tenax</i> | Xte |
| Bulrush, softstem | <i>Scirpus validus</i> | Sva |
| Horsetail, field | <i>Equisetum arvense</i> | Ear |
| Rush, Baltic | <i>Juncus balticus</i> | Jba |
| Rush, bulbous | <i>Juncus bulbosus</i> | Jbu |
| Sedge | <i>Carex</i> spp. | CAR |
| Sedge, elk | <i>Carox geyeri</i> | Cge |
| Sedge, hood | <i>Carox hoodii</i> | Cho |
| Sedge, Nebraska | <i>Carox nebrascensis</i> | Cne |
| Sedge, ovalhead | <i>Carox festivella</i> | Cfe |
| Sedge, threaddleaf | <i>Carox filifolia</i> | Cfi |
| Sedge, water | <i>Carox aquatilis</i> | Caa |
| Spikesedge | <i>Eleocharis</i> spp. | ELE |
| Woodrush, millet | <i>Luzula parviflora</i> | Lpa |

BROWSE - TREES & SHRUBS

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Sym- bol</u> |
|---------------------------------|-----------------------------|---------------------|
| Acacia, catclaw | Acacia greggi | Aca |
| Alder, thinleaf | Alnus tenuifolia | Ate |
| Apacheplume | Fallugia paradox | Fpa |
| Arborvitae, giant | Thuja plicata | Tpl |
| Arrowweed pluchea | Pluchea sericea | Pls |
| Ash | Fraxinus spp. | FRA |
| Ash, fragrant | Fraxinus cuspidata | Fcu |
| Ash, singleleaf | Fraxinus anomala | Fan |
| Ash, mountain | Sorbus spp. | SOR |
| Ash, Pacific mountain | Sorbus sitchensis | Ssi |
| Aspen, quaking (American aspen) | Populus tremuloides | Ptr |
| Azalea, Cascades | Rhododendron albiflorum | Ral |
| Baccharis | Baccharis spp. | BAC |
| Baccharis, mulefat | Baccharis viminea | Bvi |
| Baccharis, soapwillow | Baccharis glutinosa | Bgl |
| Birch, bog | Betula glandulosa | Beg |
| Birch, water | Betula fontinalis | Bfo |
| <u>Berries:</u> | | |
| Bearberry | Arctostaphylos uva-ursi | Auu |
| Blackberry | Rubus spp. | RUB |
| Blueberry | Vaccinium spp. | VAC |
| Blueberry, delicious | Vaccinium deliciosum | Vde |
| Buffaloberry, roundleaf | Shepherdia rotundifolia | Sro |
| Buffaloberry, russet | Shepherdia canadensis | Shc |
| Buffaloberry, silver | Shepherdia argentea | Sar |
| Dewberry | Rubus spp. | RUB |
| Gooseberry | Ribes inornate | Rin |
| Gooseberry, currant | Ribes montigenum | Rmo |
| Hockberry, sugar | Coltis lacvigata | Cla |
| Raspberry | Rubus spp. | RUB |
| Raspberry, red | Rubus idaeus | Rid |
| Raspberry, western red | Rubus melanolasius | Rmc |
| Salmonberry | Rubus spectabilis | Rsp |
| Serviceberry | Amelanchier spp. | AME |
| Serviceberry, Saskatoon | Amelanchier alnifolia | Amo |
| Serviceberry, Utah | Amelanchier utahensis | Aut |
| Snowberry | Symporicarpos spp. | SYM |
| Snowberry, albus | Symporicarpos racemosus | Sra |
| Snowberry, longflower | Symporicarpos longiflorus | Slo |
| Snowberry, mountain | Symporicarpos oreophilus | Syo |
| Snowberry, roundleaf | Symporicarpos rotundifolius | Syr |

BROWSE - TREES & SHRUBS (continued)

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Symbol</u> |
|--------------------------------------|--------------------------------------|---------------|
| Berries (continued): | | |
| Thimbleberry, western | <i>Rubus parviflorus</i> | Rpa |
| Whortleberry, big | <i>Vaccinium membranaceum</i> | Vmc |
| Whortleberry, grouse | <i>Vaccinium scorparium</i> | Vsc |
| Wolfberry | <i>Lycium spp.</i> | LYC |
| Wolfberry, Anderson | <i>Lycium andersoni</i> | Lan |
| Wolfberry, pale | <i>Lycium pallidum</i> | Lpl |
| Wolfberry, Torrey | <i>Lycium torreyi</i> | Lto |
| Bitterbrush | <i>Purshia spp.</i> | PUR |
| Bitterbrush, antelope | <i>Purshia tridentata</i> | Put |
| Blackbrush | <i>Colcogynce ramosissima</i> | Cra |
| Buckthorn | <i>Rhamnus spp.</i> | RHE |
| Burrobrush, singlewhorl | <i>Hymenoclea monogyna</i> | Hmo |
| Burrobrush, white | <i>Hymenoclea salsola</i> | Hsa |
| Bursage, white | <i>Franscoria dumosa</i> | Fdu |
| Bursage, woolly | <i>Franscoria criocentra</i> | Fer |
| Brickellia | <i>Brickellia spp.</i> | BRI |
| Brittlebush, white | <i>Encelia farinosa</i> | Efa |
| Bladdersage, Mexican | <i>Salazaria mexicana</i> | Sme |
| Calliandra | <i>Calliandra spp.</i> | CAD |
| Ceanothus | <i>Ceanothus spp.</i> | CEA |
| Ceanothus, deerbrush | <i>Ceanothus integerrimus</i> | Cin |
| Ceanothus, desert | <i>Ceanothus greggii</i> | Cgr |
| Ceanothus, Fendler | <i>Ceanothus fendleri</i> | Cfd |
| Ceanothus, Martin | <i>Ceanothus martinii</i> | Cma |
| Ceanothus, redstem | <i>Ceanothus sanguineus</i> | Csa |
| Ceanothus, snowbrush | <i>Ceanothus velutinus</i> | Cvc |
| Ceanothus, squawcarpet | <i>Ceanothus prostratus</i> | Cpr |
| Cliffrose | <i>Cowania spp.</i> | COW |
| Cliffrose, Stansbury | <i>Cowania stansburiana</i> | Cot |
| Cherry, bitter | <i>Prunus emarginata</i> | Prm |
| Chokecherry, black | <i>Prunus virginiana melanocarpa</i> | Pvm |
| Chokecherry, common | <i>Prunus virginiana</i> | Pvi |
| Chokecherry, western | <i>Prunus virginiana demissa</i> | Pvi |
| Cottonwood, (narrowleaf poplar) | <i>Populus angustifolia</i> | Pag |
| Cottonwood, western (Fremont poplar) | <i>Populus fremontii</i> | Pfr |
| Cresotobush | <i>Larrea tridentata</i> | Ltr |
| Currant, golden | <i>Ribes aurum</i> | Rau |
| Currant, gooseberry | <i>Ribes spp.</i> | RIB |
| Currant, wax | <i>Ribes cereum</i> | Rce |
| Currant, western black | <i>Ribes petiolaris</i> | Rpe |
| Cinquefoil, bush | <i>Potentilla fruticosa</i> | Pof |

BROWSE - TREES & SHRUBS (continued)

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Symbol</u> |
|--|----------------------------|---------------|
| Dalca (peabush) | Dalca spp. | DAL |
| Dalca, feather (shrubby pea) | Dalca formosa | Dfo |
| Dalca, Fremont | Dalca fremonti | Dfr |
| Dalca, Nevada (peabush) | Dalca polyadenia | Dpo |
| Dalca, smokethorn (smoké tree) | Dalca spinosa | Dsp |
| Dalca, Wright | Dalca wrighti | Dwr |
| Desertrose, Mohave (turpentine broom) | Thamnosma montana | Tmo |
| Dogwood, redosier | Cornus stolonifera | Cos |
| Dunecbroom | Parryella filifolia | Pfi |
| Echinococcus, Mohave | Echinococcus mojavensis | Emo |
| Elder | Sambucus spp. | SAM |
| Elder, blackberry | Sambucus melanocarpa | Sml |
| Elder, blueberry | Sambucus cerulea | Scl |
| Elder, bunchberry | Sambucus microbotrys | Smi |
| Elder, Pacific red | Sambucus callicarpa | Sac |
| Encelia | Encelia spp. | ENC |
| Ephedra, green | Ephedra viridis | EVI |
| Ephedra, longleaf | Ephedra trifurca | Ept |
| Ephedra, Nevada | Ephedra nevadensis | Enc |
| Ephedra, Torrey | Ephedra torreyana | Eto |
| False-cypress, nootka | Chamaecyparis nootkatensis | Cno |
| Fendlerbush, sickleleaf cliff | Fendlera rupicola falcata | FrF |
| Fir, Alpine | Abies lasiocarpa | Ala |
| Fir, Cascades | Abies amabilis | Aam |
| Fir, common Douglas | Pseudotsuga taxifolia | Pta |
| Fir, grand | Abies grandis | Agr |
| Fir, white | Abies concolor | Aco |
| Forestiera, New Mexican | Forestiera neomexicana | Fne |
| Goldenhead, Shockley | Acamptopappus shockleyi | Ash |
| Goldenwood, Brickells | Aplopappus brickellioides | Abr |
| Goldenwood, dwarf | Aplopappus nanus | Ana |
| Goldenwood, rabbitbrush | Aplopappus bloomeri | Abl |
| Goldenwood, singlehead | Aplopappus suffruticosus | Asf |
| Greasewood, spiny | Forselia spinosa | Fsp |
| Greasewood, Bailey (upland greasewood) | Sarcobatus baileyi | Sba |
| Greasewood, black | Sarcobatus vermiculatus | Svo |
| Hawthorn, Douglas | Crataegus douglasi | Cdo |
| Hawthorn, river | Crataegus rivularis | Cri |

BROWSE - TREES & SHRUBS (continued)

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Sym- bol</u> |
|-----------------------------------|-----------------------------------|---------------------|
| Hemlock, mountain | <i>Tsuga mertensiana</i> | Tmc |
| Hemlock, western | <i>Tsuga mertensiana</i> | Tme |
| Honeysuckle, bearberry | <i>Lonicera involucrata</i> | Lin |
| Honeysuckle, western trumpet | <i>Lonicera ciliosa</i> | Lci |
| Hopsage | <i>Grayia spp.</i> | GRA |
| Hopsage, spineless | <i>Grayia brandegei</i> | Gbr |
| Hopsage, spiny | <i>Grayia spinosa</i> | Gsp |
| Hoptree, common | <i>Ptelea trifoliata</i> | Ptt |
| Horsethistle, cottonthorn | <i>Tetradymia spinosa</i> | Tcs |
| Horsethistle, gray | <i>Tetradymia canescens</i> | Tcc |
| Horsethistle, hairy | <i>Tetradymia comosa</i> | Tco |
| Horsethistle, littleleaf | <i>Tetradymia glabrata</i> | Tgl |
| Jamesia | <u><i>Edwinia</i></u> spp. | EDW |
| Jamesia | <u><i>Edwinia JAMESIA</i></u> | Eja |
| Jimmyweed | <i>Aplopappus heterophyllus</i> | Ahc |
| Jujube, Texas | <i>Zizyphus obtusifolia</i> | Zob |
| Juniper | <i>Juniperus spp.</i> | JUN |
| Juniper, common | <i>Juniperus communis</i> | Jco |
| Juniper, one seed | <i>Juniperus monosperma</i> | Jmo |
| Juniper, Rocky Mountain | <i>Juniperus scopulorum</i> | Jsc |
| Juniper, Sierra | <i>Juniperus occidentalis</i> | Joc |
| Juniper, Utah | <i>Juniperus utahensis</i> | Jut |
| Krameria, range (range ratany) | <i>Krameria glandulosa</i> | Kgl |
| Lippia, Wright | <i>Lippia wrightii</i> | Lwr |
| Locust, New Mexico | <i>Robinia neomexicana</i> | Rnc |
| Lote bush | <u><i>Zizyphus luciooides</i></u> | Zlu |
| Mahonia, creeping | <i>Mahonia repens</i> | Mrc |
| Mahonia, Fremont | <i>Mahonia fremontii</i> | Mfr |
| Mahonia Truckee | <u><i>Mahonia sowni</i></u> | Mso |
| Mammillaria | <i>Mammillaria spp.</i> | MAM |
| Manzanita, pointleaf | <i>Arctostaphylos pungens</i> | Apu |
| Manziesia, rusty (skunkbush) | <i>Menziesia ferruginea</i> | Mfc |
| Maple | <i>Acer spp.</i> | ACE |
| Maple, bigtooth | <i>Acer grandidentatum</i> | Agd |
| Maple, Rocky Mountain | <i>Acer glabrum</i> | Acg |
| Mat, desert | <i>Coldenia plicata</i> | Cpl |
| Menodora, rough | <i>Menodora scabra</i> | Msc |
| Menodora, spiny | <i>Menodora spinosissima</i> | Msn |
| Mesquite | <i>Prosopis spp.</i> | PEO |
| Mesquite, common (honey mesquite) | <i>Prosopis chilensis</i> | Pch |
| Mesquite, screwbean (Tornillo) | <u><i>Prosopis pubescens</i></u> | Prp |

BROWSE - TREES & SHRUBS (continued)

| Common Name | Scientific Name | Symbol |
|--------------------------------------|--|--------|
| Mockorange, Lewis | <i>Philadelphus lewisi</i> | Ple |
| Mockorange, littleleaf | <i>Philadelphus microphyllus</i> | Pmi |
| Mountainheath, red | <i>Phyllodoce empetriformis</i> | Pem |
| Mountain-mahogany, curlleaf | <i>Cercocarpus ledifolius</i> | Cle |
| Mountain-mahogany, littleleaf | <i>Cercocarpus intricatus</i> | Coi |
| Mountain-mahogany, true | <i>Cercocarpus montanus</i> | Com |
| Ninbark, mallow | <i>Physocarpus malvaceus</i> | Pam |
| Oak | <i>Quercus</i> spp. | QUE |
| Oak, Arizona white | <i>Quercus arizonica</i> | Qar |
| Oak, gambel | <i>Quercus gambeli</i> | Qga |
| Oak, gray | <i>Quercus grisca</i> | Qgr |
| Oak, shrub live | <i>Quercus turbinella</i> | Qtu |
| Pachistima, myrtle | <i>Pachistima myrsinites</i> | Pmy |
| Paloverde (corcidium) | <i>Paloverdo</i> spp. | PAL |
| Parthenium, mariola | <i>Parthenium incanum</i> | Pin |
| Peachbrush, Anderson | <i>Prunus andersoni</i> | Pad |
| Peachbrush, desert | <i>Prunus fasciculata</i> | Pfa |
| Penstemon | <i>Penstemon</i> spp. | PEN |
| Pine, limber | <i>Pinus flexilis</i> | Pfl |
| Pine, lodgepole | <i>Pinus contorta latifolia</i> | Pil |
| Pine, shore | <i>Pinus contorta</i> | Pic |
| Pine, singleleaf pinyon | <i>Pinus cembroides monophylla</i> | Pce |
| Pine, western white | <i>Pinus monticola</i> | Pim |
| Pipsissewa, common | <i>Chimaphila umbellata</i> | Cum |
| Polygala, spiny | <i>Polygala subspinosa</i> | Psu |
| Polygala, thorn | <i>Polygala acanthoclada</i> | Pac |
| Poplar, California | <i>Populus trichocarpa</i> | Pot |
| Poplar, Fremont (western cottonwood) | <i>Populus fremonti</i> | Pfr |
| Poplar, MacDougal | <i>Populus macdougalii</i> | Pmc |
| Poplar, narrowleaf (cottonwood) | <i>Populus angustifolia</i> | Pag |
| Pricklypear * | <i>Opuntia</i> spp. | OPU |
| Pricklypear, brittle | <i>Opuntia fragilis</i> | Ofr |
| Pine, whitebark | <i>Pinus albicaulis</i> | Pia |
| Rabbitbrush | <i>Chrysothamnus</i> spp. | CHR |
| Rabbitbrush, desert | <i>Chrysothamnus paniculatus</i> | Cpa |
| Rabbitbrush, downy | <i>Chrysothamnus puberulus</i> | Cpu |
| Rabbitbrush, Douglas | <i>Chrysothamnus viscidiflorus</i> | Cvi |
| Rabbitbrush, lancelleaf | <i>Chrysothamnus lanccolatus</i> | Chl |
| Rabbitbrush, low Douglas | <i>Chrysothamnus viscidiflorus</i> -- pumilus | Cvp |
| Rabbitbrush, rubber | <i>Chrysothamnus nauscosus</i> | Cna |
| Rabbitbrush, small | <i>Chrysothamnus stenophyllus</i> | Cst |
| Rabbitbrush, tall | <i>Chrysothamnus speciosus</i> | Csp |
| Rabbitbrush, twistleaf Douglas | <i>Chrysothamnus viscidiflorus</i> -- tortifolius | Cvt |

* The cylindrical-stemmed species which are often serious pests on stock range are called *Rolla*.

BROWSE - TREES & SHRUBS (continued)

| Common Name | Scientific Name | Sym-bol |
|---------------------------|----------------------------------|---------|
| Rockspiraea | <i>Holodiscus</i> spp. | HOL |
| Rockspiraea, creambush | <i>Holodiscus discolor</i> | Hdi |
| Redbud, California | <i>Cercis occidentalis</i> | Coc |
| Rose | <i>Rosa</i> spp. | ROS |
| Rose, baldhip | <i>Rosa gymnocarpa</i> | Rgy |
| Rose, nootka | <i>Rosa nutkana</i> | Rnu |
| Rose, peachfruit | <i>Rosa pisocarpa</i> | Rpi |
| Rose, wild | <i>Rosa rotunda</i> | Rro |
| Rose, woods | <i>Rosa woodsi</i> | Rwo |
| | | |
| Sacahuista | <i>Nolina microcarpa</i> | Nmi |
| Sage | <i>Salvia</i> spp. | SLV |
| Sage, desert | <i>Salvia carnosa</i> | Sca |
| | | |
| Sagebrush (wormwood) | <i>Artemisia</i> spp. | ART |
| Sagebrush, alkali | <i>Artemisia longiloba</i> | Alb |
| Sagebrush, big | <i>Artemisia tridentata</i> | Ari |
| Sagebrush, Bigelow | <i>Artemisia bigelovii</i> | Abi |
| Sagebrush, black | <i>Artemisia nova</i> | Ano |
| Sagebrush, bud | <i>Artemisia spinescens</i> | Ars |
| Sagebrush, cudweed | <i>Artemisia gnaphaloides</i> | Agn |
| Sagebrush, falsostarragon | <i>Artemisia dracunculoides</i> | Adr |
| Sagebrush, fringed | <i>Artemisia frigida</i> | Afr |
| Sagebrush, longleaf | <i>Artemisia longifolia</i> | Alg |
| Sagebrush, low | <i>Artemisia arbuscula</i> | Aar |
| Sagebrush, sand | <i>Artemisia filifolia</i> | Afi |
| Sagebrush, silver | <i>Artemisia dracunculoides</i> | Adr |
| Sagebrush, threecup | <i>Artemisia tripartita</i> | Arp |
| Sagebrush, Wrights | <i>Artemisia wrightii</i> | Avr |
| | | |
| Saltbush | <i>Atriplex</i> spp. | ATR |
| Saltbush | <i>Atriplex canescens</i> | Atu |
| Saltbush, big | <i>Atriplex lentiformis</i> | Alf |
| Saltbush, cattle | <i>Atriplex polycarpa</i> | Apo |
| Saltbush, desertholly | <i>Atriplex hymenelytra</i> | Ahy |
| Saltbush, fourwing | <i>Atriplex canescens</i> | Acc |
| Saltbush, mat | <i>Atriplex corrugata</i> | Atg |
| Saltbush, Nuttals | <i>Atriplex nuttallii</i> | Anu |
| Saltbush, shadscale | <i>Atriplex confertifolia</i> | Atf |
| | | |
| Scalybroom, woolly | <i>Lepidospartum latisquamum</i> | Lla |
| Scrubbean, Fremont | <i>Strombocarpa odorata</i> | Sod |
| Scurfpea | <i>Psoralcea</i> spp. | PSO |
| Silktassel, yellowleaf | <i>Garrya flavescens</i> | Gfl |
| Skeletonplant | <i>Lygodesmia</i> spp. | LYG |
| Skeletonplant, thorn | <i>Lygodesmia spinosa</i> | Lsp |

BROWSE - TREES & SHRUBS (continued)

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Symbol</u> |
|--------------------------------|-----------------------------------|---------------|
| Snakewood | <i>Gutierrezia</i> spp. | GUT |
| Snakewood, broom | <i>Gutierrezia sarothrae</i> | Cea |
| Snowball cactus | <i>Pediocactus simpsoni</i> | Psi |
| Soapwood | <i>Yucca baileyi</i> | Yub |
| Spiraea | <i>Spiraea</i> spp. | SPI |
| Spiraea, shinyleaf | <i>Spiraea lucida</i> | Slu |
| Spruce, Colorado | <i>Picea pungens</i> | Ppu |
| Spruce, Engelm. | <i>Picea engelmanni</i> | Pic |
| Squawapple | <i>Peraphyllum ramosissimum</i> | Pra |
| Sumac | <i>Rhus cismontana</i> | Rci |
| Sumac, skunkbush | <i>Rhus trilobata</i> | Rtr |
| Sumac, Utah | <i>Rhus utahensis</i> | Rut |
| Summer-cypress | <i>Kochia</i> spp. | KOC |
| Summer-cypress, gray | <i>Kochia vistita</i> | Kvi |
| Summer-cypress, greenmolly | <i>Kochia americana</i> | Ke |
| | | |
| Tamarisk | <i>Tamarix</i> spp. | TAM |
| Tamarisk, French | <i>Tamarix gallica</i> | Tga |
| Tansybush | <i>Chamaebatiaria mollifolium</i> | Cmi |
| Twinsflower, American | <i>Linnaca borealis americana</i> | Lbo |
| | | |
| Willow | <i>Salix</i> spp. | SAL |
| Willow, desert | <i>Chilopsis linearis</i> | Cli |
| Winterfat, common | <i>Eurotia lanata</i> | Ela |
| Wirelettuce | <i>Stephanomeria</i> spp. | STE |
| | | |
| Yerbasanta, narrowleaf | <i>Eriodictyon angustifolium</i> | Ean |
| Yucca | <i>Yucca filbertiana</i> | Ygi |
| Yucca, datil (Spanish bayonet) | <i>Yucca baccata</i> | Yba |
| Yucca, Joshua tree | <i>Yucca brevifolia</i> | Ybr |
| Yucca, schidigera | <i>Yucca mohavensis</i> | Ymo |

WEEDS

| Common Name | Scientific Name | Symbol |
|---------------------------|---------------------------|--------|
| Actinæa (rubberwood) | Actinæa spp. | ACT |
| Actinæa, Arizona stemless | Actinæa acaulis arizonica | Aaa |
| Actinæa, pinque | Actinæa richardsoni | Arc |
| Agave, Utah | Agave utahensis | Aut |
| Alfalfa | Medicago sativa | Msa |
| Alfileria | Erodium cicutarium | Erc |
| Allionia | Allionia spp. | ALL |
| Alumroot | Heuchera spp. | HEU |
| Alumroot, ovalleaf | Heuchera ovalifolia | Hov |
| Amaranth | Amaranthus spp. | AMA |
| Amaranth, prostrate | Amaranthus blitoides | Abl |
| Amsonia | Amsonia spp. | AMO |
| Amsonia, Palmer | Amsonia palmeri | Alm |
| Anemone | Anemone spp. | Anm |
| Angelica, Wheeler | Angelica wheeleri | Awh |
| Aplopappus, narrowleaf | Aplopappus stenophylla | Ast |
| Arnica | Arnica spp. | ARN |
| Arnica, heartleaf | Arnica cordifolia | Arr |
| Aster | Aster adscendens | Aad |
| Aster, Crag | Aster scopulorum | Aso |
| Aster, Engolmann | Aster engelmanni | Aen |
| Aster, heath | Aster ericoides | Acr |
| Avens | Geum spp. | GUE |
| Bahia, ragleaf | Bahia dissecta | Bdi |
| Bailcya | Bailcya spp. | BAI |
| Baileya, leafystem | Baileya porrensis | Bpe |
| Balsamroot | Balsamorhiza spp. | BAL |
| Balsamroot, arrowleaf | Balsamorhiza sagittata | Bsa |
| Balsamroot, cutleaf | Balsamorhiza macrophylla | Bam |
| Balsamroot, hairy | Balsamorhiza hirsuta | Bah |
| Balsamroot, hoary | Balsamorhiza incana | Bin |
| Balsamroot, Hooker | Balsamorhiza hookeri | Bho |
| Banberry, western | Actaea arguta | Att |
| Bassia, fivehook | Bassia hyssopifolia | Bhy |
| Bobbia, rush | Bobbia juncea | Bju |
| Bedstraw | Galium spp. | GAL |
| Beebalm | Monarda spp. | MON |
| Birdbeak, bushy | Cordylanthus ramosus | Cor |
| Bistort, American | Polygonum bistortoides | Pbi |
| Bittercress, heartleaf | Cardamine cordifolia | Cac |
| Blackfoot | Molamponium spp. | MFM |
| Bloodweed | Plagiothothrys arizonicus | Plr |
| Bluebells | Mertensia spp. | MER |
| Bluebells, tall | Mertensia leonardi | Mlc |
| Blue-cycdgrass | Sisyrinchium spp. | SIS |

WEEDS (continued)

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Symbol</u> |
|-----------------------------|---|---------------|
| Blue-eyed-mary | <i>Collinsia</i> spp. | COL |
| Blue-eyed-mary | <i>Collinsia tenella</i> | Ctc |
| Bracken, western | <i>Pteridium aquilinum</i> - pubescens | Ptp |
| Brickellia, longleaf | <i>Brickellia longifolia</i> | Blo |
| Bristlethistle | <i>Carduus</i> spp. | CAS |
| Brodica, Douglas | <i>Brodiaea douglasii</i> | Bdo |
| Broomrape | <i>Orobanche</i> spp. | ORB |
| Bursage | <i>Franseria</i> spp. | FRN |
| Bursage | <i>Franseria acanthicarpa</i> | Fac |
| Buttercup | <i>Ranunculus</i> spp. | RAN |
| Buttercup, Anderson | <i>Ranunculus andersonii</i> | Raa |
| Bladderpod | <i>Lesquerella</i> spp. | LES |
| Cabbage, wild thickstem | <i>Caulanthus</i> spp. | CAU |
| Canaigre | <i>Rumex hymenosepalus</i> | Rhy |
| Cardaria d. | <i>Lepidium draba</i> | Ldr |
| Cattail, common | <i>Typha latifolia</i> | Tla |
| Chacnactis, Douglas | <i>Chacnactis douglasii</i> | Chd |
| Checkermallow | <i>Sidalcea</i> spp. | SID |
| Checkermallow, bird | <i>Sidalcea glaucescens</i> | Sgl |
| Checkermallow, Nelson | <i>Sidalcea nervata</i> | Snc |
| Checkermallow, Oregon | <i>Sidalcea oregana</i> | Sog |
| Cinquefoil | <i>Potentilla</i> spp. | POT |
| Cinquefoil, Blaschke | <i>Potentilla blaschkeana</i> | Pbl |
| Cinquefoil, elegant | <i>Potentilla concinna</i> | Poc |
| Cinquefoil, gland | <i>Potentilla glandulosa</i> | Pgl |
| Cinquefoil, siverweed | <i>Potentilla anserina</i> | Poa |
| Clematis | <i>Clematis</i> spp. | CLE |
| Clematis, pipistem | <i>Clematis lasiantha</i> | Cll |
| Clover | <i>Trifolium</i> spp. | TRF |
| Clover, Columbia | <i>Trifolium fimbriatum</i> | Tfi |
| Cocklebur | <i>Xanthium</i> spp. | XAN |
| Coldenia, Nuttall | <i>Coldenia nuttallii</i> | Con |
| Columbine | <i>Aquilegia</i> spp. | AQU |
| Columbine, Colorado | <i>Aquilegia coerulea</i> | Aqc |
| Columbine, Sitka | <i>Aquilegia formosa</i> | Aqf |
| Combsseed, slim | <i>Pectocarya linearis</i> | Pli |
| Corydalis, mountain | <i>Corydalis montana</i> | Com |
| Cow parsnip, common | <i>Heracleum lanatum</i> | Hla |
| Coyote tobacco | <i>Nicotiana attenuata</i> | Nat |
| Crazyweed | <i>Nitrophilia occidentalis</i> | OXT |
| Croton, California | <i>Oxythropis</i> spp. | Crf |
| Croton, Texas | <i>Croton californicus</i> | Crt |
| Cryptantha | <i>Croton texensis</i> | CRY |
| Cudweed | <i>Cryptantha</i> spp. | GNA |
| | <i>Gnaphalium</i> spp. | |

WEEDS (continued)

| Common Name | Scientific Name | Sym- bol |
|----------------------------|----------------------------------|-------------|
| Dalca, desert beauty | <i>Dalca johnsoni</i> | Djo |
| Dandelion, false | <i>Agoseris taraxacifolia</i> | Agt |
| Datura, sacred | <i>Datura meteloides</i> | Dmc |
| Deathcamas, foothill | <i>Zigadenus paniculatus</i> | Zpa |
| Deathcamas, meadow | <i>Zigadenus venenosus</i> | Zve |
| Deathcamas, mountain | <i>Zigadenus elegans</i> | Zel |
| Deervetch | <i>Lotus spp.</i> | LOT |
| Deervetch, Longbract | <i>Lotus longibracteatus</i> | Llo |
| Deervetch, Wright | <i>Lotus wrighti</i> | Low |
| Dock | <i>Rumex spp.</i> | RUM |
| Dogbane | <i>Apocynum spp.</i> | APO |
| Dogbane, spreading | <i>Apocynum androsaemifolium</i> | Arf |
| Draba spp. | <i>Draba spp.</i> | DRA |
| Elkwood | <i>Frasera albomarginata</i> | Fal |
| Enceliopsis | <i>Enceliopsis spp.</i> | ENC |
| Enceliopsis, barstem | <i>Enceliopsis nudicaulis</i> | Enu |
| Enceliopsis, silverleaf | <i>Enceliopsis argophylla</i> | Ena |
| Eriogonum (buckwheat) | <i>Eriogonum spp.</i> | ERG |
| Eriogonum, annual | <i>Eriogonum annuum</i> | Era |
| Eriogonum, barstem | <i>Eriogonum nudum</i> | Ern |
| Eriogonum, cushion | <i>Eriogonum ovalifolium</i> | Eov |
| Eriogonum, dryland | <i>Eriogonum aridum</i> | Erd |
| Eriogonum, mat | <i>Eriogonum cespitosum</i> | Ecp |
| Eriogonum, nodding | <i>Eriogonum cornuum</i> | Ecc |
| Eriogonum, redroot | <i>Eriogonum racemosum</i> | Err |
| Eriogonum, Wright | <i>Eriogonum wrighti</i> | Ewi |
| Eriogonum, Wyeth | <i>Eriogonum heracleoides</i> | Ehc |
| Eriophyllum | <i>Eriophyllum watsoni</i> | Ewa |
| Erysimum, plains | <i>Erysimum asperum</i> | Eas |
| Euphorbia (spurge) | <i>Euphorbia spp.</i> | EUP |
| Euploca, bindweed | <i>Euploca convolvulacea</i> | Euc |
| Evening primrose | <i>Oenothera spp.</i> | OEN |
| Evening primrose | <i>Oenothera coronopifolia</i> | Oco |
| Evening primrose, alyssum | <i>Oenothera alyssoides</i> | Oal |
| Evening primrose, Hooker | <i>Oenothera hookeri</i> | Oh |
| Evening primrose, pale | <i>Oenothera pallida</i> | Opa |
| Fairybells, wartberry | <i>Disporum trachycarpum</i> | Dtr |
| Falschellebore, California | <i>Vcraltrum californicum</i> | Vca |
| Falscpennyroyal | <i>Hedcoma spp.</i> | HED |
| Falscarrow | <i>Chacnactis spp.</i> | CHA |
| Fawnlily | <i>Erythronium spp.</i> | ERY |
| Fiddleneck | <i>Amsinckia spp.</i> | AMS |
| Figwort | <i>Scrophularia spp.</i> | SCR |
| Firewood | <i>Epilobium angustifolium</i> | Eag |
| Flax, Lewis (prairie flax) | <i>Epilobium obcordatum</i> | Eob |
| | <i>Linum lewisi</i> | Llc |

WEEDS (continued)

| Common Name | Scientific Name | Symbol |
|---------------------------------|-------------------------------------|--------|
| Fleabane | <i>Erigeron</i> spp. | ERI |
| Fleabane, bloomer (wild daisy) | <i>Erigeron bloomeri</i> | Ebl |
| Fleabane, peregrine | <i>Erigeron peregrinus</i> | Epc |
| Four-o'clock | <i>Mirabilis lacvis</i> | Mic |
| Four-o'clock, Colorado | <i>Mirabilis multiflora</i> | Mit |
| Frasera, showy | <i>Frasera speciosa</i> | Frs |
| Fritillary | <i>Fritillaria</i> spp. | FRI |
| Fritillary, purplespot | <i>Fritillaria atropurpurea</i> | Fat |
| Fritillary, yellow | <i>Fritillaria pudica</i> | Fpu |
| Falsesmallow | <i>Malvastrum</i> spp. | MAV |
| Gaillardia | <i>Gaillardia</i> spp. | GAI |
| Gaura | <i>Gaura</i> spp. | GAU |
| Gentian | <i>Gentiana</i> spp. | GEN |
| Gentian, Rainier pleated | <i>Gentiana calycosa</i> | Gca |
| Gentian, Rocky Mountain pleated | <i>Gentiana affinis</i> | Gaf |
| Geranium | <i>Geranium</i> spp. | GER |
| Geranium, Fremont | <i>Geranium fremonti</i> | Gfr |
| Geranium, sticky | <i>Geranium viscosissimum</i> | Gvi |
| Ghostpipe | <i>Thlaspsis uniflora</i> | Tun |
| Gilia | <i>Gilia</i> spp. | GIL |
| Gilia, Brewer | <i>Gilia breweri</i> | Gbc |
| Gilia, granite | <i>Gilia pungens</i> | Gpu |
| Gilia, slenderleaf | <i>Gilia lindheimeri</i> | Gli |
| Gilia, skyrocket (tin piute) | <i>Gilia aggregata</i> | Gag |
| Glasswort | <i>Salicornia</i> spp. | SAC |
| Globemallow | <i>Sphaeralcea</i> spp. | SPH |
| Globemallow, gooseberryleaf | <i>Sphaeralcea grossulariifolia</i> | Spg |
| Globemallow, scarlet | <i>Sphaeralcea coccinea</i> | Scc |
| Globemallow, tufted | <i>Sphaeralcea coccinea</i> | Spc |
| Goldaster | <i>Ghrypsopsis</i> spp. | CHY |
| Goldaster, hairy | <i>Chrysopsis villosa</i> | Chv |
| Goldaster, leafy | <i>Chrysopsis foliosa</i> | Cfo |
| Goldencyce, showy | <i>Viguiera multiflora</i> | Vmu |
| Goldenrod | <i>Solidago</i> spp. | SOL |
| Goldenrod, creek | <i>Solidago elongata</i> | Soc |
| Goldenrod, Missouri | <i>Solidago missouriensis</i> | Som |
| Goldenrod, Parry | <i>Solidago parryi</i> | Spa |
| Goldenrod, rock | <i>Solidago petradoria</i> | Sop |
| Goldenpea, mountain | <i>Thermopsis montana</i> | Thm |
| Goldenweed, Nuttall | <i>Aplopappus nuttallii</i> | Ant |
| Goldenweed, plantain | <i>Aplopappus uniflorus</i> | Aun |
| Goldenweed, tufted | <i>Aplopappus falcatus</i> | Afa |
| Goldpoppy, Mexican | <i>Eschscholtzia mexicana</i> | Ema |
| Goosefoot | <i>Chenopodium</i> spp. | CHE |
| Goosefoot, blite | <i>Chenopodium capitatum</i> | Chc |
| Goosefoot, lambsquarters | <i>Chenopodium album</i> | Cha |

WEEDS (continued)

| Common Name | Scientific Name | Symbol |
|----------------------------|-----------------------------------|--------|
| Gromwell | <i>Lithospermum</i> spp. | LIH |
| Gromwell, wayside | <i>Lithospermum ruderale</i> | Lru |
| Groundsel | <i>Senecio</i> spp. | SEN |
| Groundsel, annual | <i>Senecio sonchii</i> | Sso |
| Groundsel, arrowleaf | <i>Senecio triangularis</i> | Set |
| Groundsel, butterweed | <i>Senecio scrra</i> | Ssc |
| Groundsel, Columbia | <i>Senecio columbianus</i> | Sec |
| Groundsel, lambstongue | <i>Senecio integrifolius</i> | Sin |
| Groundsel, ragweed | <i>Senecio ambrosioides</i> | Sam |
| Groundsel, thickleaf | <i>Senecio crassulus</i> | Scr |
| Groundsel, Uintah | <i>Senecio uintahensis</i> | Sui |
| Groundsel, willow | <i>Senecio salignus</i> | Ssa |
| Gumweed | <i>Grindelia</i> spp. | GRI |
| Gumweed, curlycup | <i>Grindelia squarrosa</i> | Gsq |
| Groundsmoke | <i>Gayophytum</i> spp. | GAY |
| | | |
| Habenaria | <i>Habenaria</i> spp. | Hab |
| Hackelia | <i>Hackelia floribunda</i> | Hfl |
| Halogoton | <i>Halogoton glomeratus</i> | Hgl |
| Hawksbeard | <i>Crepis</i> spp. | CRE |
| Hawksbeard, tapertip | <i>Crepis acuminata</i> | Crc |
| Hawksbeard, Yellowstone | <i>Crepis scopulorum</i> | SC |
| Heliotrope | <i>Heliotropium</i> spp. | HEL |
| Hesperochiron | <i>Hesperochiron californicus</i> | Hca |
| | | |
| Hoarhound, common | <i>Marrubium vulgare</i> | Mvu |
| Horkelia, tawny | <i>Horkelia fusca</i> | Hfu |
| Horsemint, nettleleaf | <i>Agastache urticifolia</i> | Aur |
| Houndstongue | <i>Cynoglossum</i> spp. | CYN |
| Houndstongue, common | <i>Cynoglossum officinale</i> | Cof |
| Hyberborea, northern green | <i>Habenaria hyberborea</i> | Hhy |
| Hymenopappus | <i>Hymenopappus</i> spp. | HYM |
| Hymenopappus, woollyfoot | <i>Hymenopappus criopodus</i> | Her |
| | | |
| Indian potato | <i>Orogenia linearifolia</i> | Oli |
| Indian wheat, desert | <i>Plantago fastigiata</i> | Plf |
| Iodinebush (pickleweed) | <i>Allenrolfea occidentalis</i> | Aoc |
| Iris, Rocky Mountain | <i>Iris missouriensis</i> | Imi |
| Ivesia, Gordon | <i>Ivesia gordonii</i> | Igo |
| Ivesia, Utah | <i>Ivesia utahensis</i> | Iut |
| | | |
| Kitchenweed | <i>Gayophytum ramosissimum</i> | Gar |
| Kochia | <i>Kochia scoparia</i> | Ksc |
| Knotweed | <i>Polygonum</i> spp. | POY |
| Knotweed, Douglas | <i>Polygonum douglasii</i> | Pod |
| Knotweed, prostrate | <i>Polygonum aviculare</i> | Pav |

WEEDS (continued)

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Sym- bol</u> |
|-------------------------|--------------------------------|---------------------|
| Larkspur | <i>Delphinium</i> spp. | DEL |
| Larkspur, Barbey | <i>Delphinium barbeyi</i> | Dba |
| Larkspur, duncap | <i>Delphinium occidentale</i> | Doc |
| Larkspur, Monzie | <i>Delphinium monziei</i> | Dom |
| Larkspur, tall mountain | <i>Delphinium scopulorum</i> | Dsc |
| Leptotaenia, carrotleaf | <i>Leptotaenia multifida</i> | Lmu |
| Lettuce | <i>Lactuca</i> spp. | LAC |
| Lettuce, chicory | <i>Lactuca pulchella</i> | Lpu |
| Lettuce, prickly | <i>Lactuca serriola</i> | Lsc |
| Lewisia, least | <i>Lewisia pygmaea</i> | Lpy |
| Lewisia, bitterroot | <i>Lewisia rediviva</i> | Lrc |
| Licorice, American | <i>Glycyrrhiza lepidota</i> | Gle |
| Loco, Utah | <i>Astragalus utahensis</i> | Auh |
| Lomatium | <i>Lomatium</i> spp. | LOM |
| Lovewort | <i>Ligusticum</i> spp. | LIG |
| Lupine | <i>Lupinus</i> spp. | LUP |
| Lupine, mountain | <i>Lupinus alpcstris</i> | Lal |
| Lupine, sulphur | <i>Lupinus sulphureus</i> | Lsu |
| Lupine, spur | <i>Lupinus laxiflorus</i> | LLx |
| Lupine, tailcup | <i>Lupinus caudatus</i> | Lca |
| Mallow | <i>Malva</i> spp. | MAL |
| Mariposa | <i>Calochortus</i> spp. | CAC |
| Marsh marigold, olkslip | <i>Caltha leptosepala</i> | C-1 |
| Meadowrue | <i>Thalictrum</i> spp. | THA |
| Meadowrue, Fendler | <i>Thalictrum fendleri</i> | Tfc |
| Medic, black | <i>Medicago lupulina</i> | Mlu |
| Montezelia | <i>Montezelia</i> spp. | MET |
| Montezelia, desert | <i>Montezelia multiflora</i> | Mmu |
| Montezelia, whitestem | <i>Montezelia albicaulis</i> | Mab |
| Microseris, nodding | <i>Microseris nutans</i> | Mint |
| Milkweed | <i>Asclepias</i> spp. | ASC |
| Milkweed, Mexican | <i>Asclepias mexicana</i> | Amx |
| Milkweed, poison | <i>Asclepias galactites</i> | Aga |
| Milkweed, showy | <i>Asclepias speciosa</i> | ASS |
| Milkvetch | <i>Astragalus</i> spp. | AST |
| Mint | <i>Montha</i> spp. | MEN |
| Monardella | <i>Monardella</i> spp. | MOA |
| Monardella, Pacific | <i>Monardella odoratissima</i> | Mod |
| Monkeyflower | <i>Mimulus</i> spp. | MIM |
| Monkeyflower, common | <i>Mimulus guttatus</i> | Mgu |
| Monkeyflower, Lewis | <i>Mimulus lewisii</i> | Miw |
| Monkeyflower, muskplant | <i>Mimulus moschatus</i> | Mms |
| Monkshood | <i>Aconitum</i> spp. | ACO |
| Monkshood, Columbia | <i>Aconitum columbianum</i> | Acb |
| Monolcisia | <i>Monolcisia</i> spp. | MOO |
| Monolcisia, Nuttall | <i>Monolcisia nuttalliana</i> | Mnu |
| Mullein, flannel | <i>Verbascum thapsus</i> | Bth |
| Mustard | <i>Brassica</i> spp. | BRA |

WEEDS (continued)

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Symbol</u> |
|----------------------------------|---------------------------------|---------------|
| Nettle | <i>Urtica</i> spp. | URT |
| Nigglehead | <i>Rudbeckia occidentalis</i> | Roc |
| Nightshade, <i>buffalobur</i> | <i>Solanum rostratum</i> | Sor |
| Nightshade, <i>cutleaf</i> | <i>Solanum triflorum</i> | Stf |
| Nightshade, <i>silverleaf</i> | <i>Solanum elaeagnifolium</i> | Scl |
| Nosburn | <i>Tragia</i> spp. | TRA |
| Onion | <i>Allium</i> spp. | ALI |
| Onion, Nevada | <i>Allium nevadense</i> | Anc |
| Onion, tapertip (wild onion) | <i>Allium acuminatum</i> | Aac |
| Orcobroma | <i>Orcobroma</i> spp. | ORE |
| Owlclover | <i>Orthocarpus</i> spp. | CRT |
| Owlclover, <i>Tolmie</i> | <i>Orthocarpus tolmiei</i> | Oto |
| Oxytheca | <i>Oxytheca</i> spp. | OXY |
| Oxytheca, <i>thorowort</i> | <i>Oxytheca perfoliata</i> | Opc |
| Paintedcup | <i>Castilleja</i> spp. | CAT |
| Paintedcup, <i>sulfur</i> | <i>Castilleja sulphurea</i> | Csu |
| Parnassia | <i>Parnassia</i> spp. | PAR |
| Parnassia, <i>Rocky Mountain</i> | <i>Parnassia fimbriata</i> | Pfm |
| Parrya | <i>Parrya</i> spp. | PAY |
| Pearl everlasting | <i>Anaphalis</i> spp. | ANP |
| Peavine | <i>Lathyrus</i> spp. | LAT |
| Pedicularis | <i>Pedicularis</i> spp. | PED |
| Pedicularis, <i>elephanthead</i> | <i>Pedicularis groenlandica</i> | Pgr |
| Pennycress, <i>blue</i> | <i>Thlaspi glaucum</i> | Thg |
| Pennycress, <i>field</i> | <i>Thlaspi arvense</i> | Tar |
| Penstemon, <i>low</i> | <i>Penstemon humilis</i> | Phu |
| Penstemon, <i>Palmer</i> | <i>Penstemon palmeri</i> | Ppa |
| Penstemon, <i>stiffleaf</i> | <i>Penstemon aridus</i> | Pea |
| Penstemon, <i>Watson</i> | <i>Penstemon watsoni</i> | Pwt |
| Peony, <i>Browns</i> | <i>Paeonia brownii</i> | Pbr |
| Pepperweed | <i>Lepidium</i> spp. | LEP |
| Pepperweed | <i>Lepidium fremontii</i> | Lfr |
| Pepperweed, <i>Virginia</i> | <i>Lepidium virginicum</i> | Lvi |
| Phacelia | <i>Phacelia</i> spp. | PHA |
| Phacelia, <i>Alpine</i> | <i>Phacelia alpina</i> | Pha |
| Phacelia, <i>branching</i> | <i>Phacelia ramosissima</i> | Phm |
| Phacelia, <i>silky</i> | <i>Phacelia scirica</i> | Phs |
| Phacelia, <i>varilob</i> | <i>Phacelia heterophylla</i> | Pho |
| Phlox | <i>Phlox</i> spp. | PHX |
| Phlox, <i>desert</i> | <i>Phlox austromontana</i> | Pau |
| Phlox, <i>Douglas</i> | <i>Phlox douglasii</i> | Pdo |
| Phlox, <i>hoary</i> | <i>Phlox canescens</i> | Phn |
| Phlox, <i>Hoods</i> | <i>Phlox hoodii</i> | Phd |
| Phlox, <i>longleaf</i> | <i>Phlox longifolia</i> | Phl |
| Phlox, <i>Stansbury</i> | <i>Phlox stansburyi</i> | Pst |
| Phlox, <i>tufted</i> | <i>Phlox caespitosa</i> | Phc |

WEEDS (continued)

| Common Name | Scientific Name | Sym- bol |
|---------------------------|------------------------------------|-------------|
| Picklepoppy, crested | <i>Argemone platyceras</i> | ApY |
| Picklepoppy, hedgehog | <i>Argemone platyceras hispida</i> | Aph |
| Pickleweed (iodinebush) | <i>Allenrolfea occidentalis</i> | Aoc |
| Pinguicula | <i>Actinica floribunda</i> | Afl |
| Poisonous, leafy | <i>Polemonium foliosissimum</i> | Pfo |
| Popcorn flower | <i>Plagiobothrys spp.</i> | PLA |
| Povertyweed | <i>Iva axillaris</i> | Iax |
| Prairieclover | <i>Petalostemo spp.</i> | PET |
| Pricklypear (cholla) | <i>Opuntia spp.</i> | OPU |
| Pricklyplume | <i>Stanleya spp.</i> | STA |
| Pseudocymopterus | <i>Pseudocymopterus spp.</i> | PSE |
| Plantain | <i>Plantago spp.</i> | PLA |
| Purslane, common | <i>Portulaca oleracea</i> | Pol |
| Pussytoes | <i>Antennaria spp.</i> | ANT |
| Pussytoes, low | <i>Antennaria dimorpha</i> | Adm |
| Pussytoes, rose | <i>Antennaria rosea</i> | Aro |
| Pyrola | <i>Pyrola spp.</i> | PYR |
| Ragweed | <i>Ambrosia spp.</i> | AMB |
| Ragweed, yellow | <i>Bahia dealbata</i> | Bdc |
| Ribseed | <i>Aulospermum spp.</i> | AUL |
| Ribseed | <i>Aulospermum longipes</i> | Aul |
| Rockcress | <i>Arabis spp.</i> | ARA |
| Rockcress, shortfruit | <i>Arabis divaricarpa</i> | Ard |
| Rockjasmine | <i>Androsace spp.</i> | AND |
| Rosmary mint, hoary | <i>Poliomintha incana</i> | Poi |
| Russian thistle, tumbling | <i>Salsola (postifera) kali</i> | Spe |
| Sage | <i>Salvia spp.</i> | SAV |
| Sandwort | <i>Arenaria spp.</i> | ARE |
| Sandwort, ballhead | <i>Arenaria congesta</i> | Arg |
| Sandwort, Kings | <i>Arenaria kingi</i> | Ark |
| Saxifraga | <i>Saxifraga</i> | SAX |
| Scurfpea | <i>Psoralca spp.</i> | PSR |
| Seepweed, alkali | <i>Suaeda fruticosa</i> | Sfr |
| Seepweed, pursh | <i>Suaeda depressa</i> | Sde |
| Sego lily | <i>Calochortus nuttallii</i> | Cnu |
| Shootingstar | <i>Dodecatheon spp.</i> | DOD |
| Sierversia | <i>Sierversia spp.</i> | SIE |
| Sierversia, prairiesmoke | <i>Sierversia ciliata</i> | Sci |
| Silene | <i>Silene spp.</i> | SIL |
| Sisymbrium o. | <i>Erysimum officinale</i> | Eof |
| Skeletonplant, thorn | <i>Lygodesmia spinosa</i> | Lsi |
| Snoweweed, orange | <i>Helenium hoopesii</i> | Hho |
| Shepherdspurse | <i>Capsella bursa-pastoris</i> | Cbp |
| Solomonsseal, fat | <i>Smilacina amplifolia</i> | Sma |
| Sorrel, mountain | <i>Rumex paucifolius</i> | Rup |
| Sorrel, mountain Alpine | <i>Oxyria digyna</i> | Odg |
| Spectaclepod, California | <i>Dithyrraca californica</i> | Dic |
| Spectaclepod, Wislizenius | <i>Dithyrraca wislizenii</i> | Dwi |

WEEDS (continued)

| Common Name | Scientific Name | Symbol |
|-------------------------------------|--------------------------------|--------|
| Speedwell, American | <i>Veronica americana</i> | Vam |
| Spiderflower | <i>Cleome spp.</i> | CLM |
| Spiderflower, bee | <i>Cleome serrulata</i> | Csc |
| Spiderflower, yellow (beeflower) | <i>Cleome lutea</i> | Clu |
| Springbeauty, Alpine | <i>Claytonia megarrhiza</i> | Cle |
| Springbeauty, lanceleaf | <i>Claytonia lanceolata</i> | Cln |
| St. Johnswort, Scouler | <i>Hypericum scouleri</i> | Hys |
| Starwort | <i>Stellaria spp.</i> | STL |
| Starwort, tuber | <i>Stellaria Jamesiana</i> | Sja |
| Stickswood | <i>Lappula spp.</i> | LAP |
| Stonecup | <i>Sedum spp.</i> | SED |
| Strawberry, broadpetal | <i>Fragaria platypetala</i> | Fpl |
| Sumpweed, rag | <i>Iva xanthifolia</i> | Ixa |
| Sunflower, common | <i>Helianthus annuus</i> | Han |
| Sunflower, little | <i>Helianthella uniflora</i> | Hun |
| Sweetclover, annual yellow | <i>Melilotus indica</i> | Min |
| Sweetclover, hubam | <i>Melilotus annua</i> | Man |
| Sweetclover, white | <i>Melilotus alba</i> | Mca |
| Sweetclover, yellow | <i>Melilotus officinalis</i> | Mof |
| Sweet anise | <i>Osmorhiza occidentalis</i> | Occ |
| Sweetroot, bluntsod | <i>Osmorhiza obtusa</i> | Oob |
| Sweetroot, spreading (sweet cicely) | <i>Osmorhiza divaricata</i> | Odi |
| Sweetvetch | <i>Hedysarum spp.</i> | HEY |
| Tarweed, cluster | <i>Madia glomerata</i> | Mgl |
| Thelypody | <i>Thelypodium spp.</i> | THE |
| Thermopsis | <i>Thermopsis spp.</i> | THR |
| Thermopsis, pine | <i>Thermopsis pinctorum</i> | Thp |
| Thistle | <i>Cirsium spp.</i> | CIR |
| Toadflax | <i>Comandra spp.</i> | COM |
| Toadflax | <i>Comandra pallida</i> | Cop |
| Townsendia | <i>Townsendia florifer</i> | Tfl |
| Tumblemustard | <i>Sisymbrium altissimum</i> | Sal |
| Twinpod | <i>Physaria spp.</i> | PHY |
| Twinpod, common | <i>Physaria didymocarpa</i> | Pdi |
| Twistflower, heartleaf | <i>Streptanthus cordatus</i> | Scd |
| Valerian, edible | <i>Valeriana edulis</i> | Ved |
| Valerian, western | <i>Valeriana occidentalis</i> | Voc |
| Verbena | <i>Verbena spp.</i> | VER |
| Verbena, bigbract | <i>Verbena bracteata</i> | Vbr |
| Verbena, sand | <i>Abronia spp.</i> | ABR |
| Vetch | <i>Vicia spp.</i> | VIC |
| Vetch, American | <i>Vicia americana</i> | Via |
| Violet | <i>Viola spp.</i> | VIO |
| Violet, Bockwith | <i>Viola bockwithii</i> | Vbc |
| Violet, dogtooth | <i>Erythronium parviflorum</i> | Erp |
| Violet, goosefoot | <i>Viola purpurea</i> | Vpu |
| Violet, Nuttall | <i>Viola nuttallii</i> | Vnu |

WEEDS (continued)

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Sym- bol</u> |
|---------------------------|-------------------------------------|---------------------|
| Virginsbower, western | <i>Clematis ligusticifolia</i> | Clg |
| Watercress | <i>Rorippa nasturtium aquaticum</i> | Rna |
| Whispringbells, sagebrush | <i>Emmenanthe parviflora</i> | Epa |
| Willowweed | <i>Epilobium</i> spp. | EPI |
| Willowweed, autumn | <i>Epilobium paniculatum</i> | Epn |
| Wirelettuce | <i>Stephanomeria</i> spp. | STP |
| Woodlandstar | <i>Lithophragma</i> spp. | LIT |
| Woodlandstar, slender | <i>Lithophragma tenella</i> | Ltc |
| Woodlandstar, smallflower | <i>Lithophragma parviflora</i> | Pip |
| Woollyweed | <i>Hicracium scouleri</i> | Hsc |
| Wyethia, mulesears | <i>Wyethia amplexicaulis</i> | Wam |
| Wyethia, whitehead | <i>Wyethia helianthoides</i> | Whc |
| Yarrow, western | <i>Achillea lanulosa</i> | Acl |
| Yerbamansa | <i>Anemopsis californica</i> | Acf |
| Yucca | <i>Yucca</i> spp. | YUC |
| Zinnia | <i>Sinnia</i> spp. | ZIN |

